

Palczewski, B.

Acture of direct and indirect bilirubin. IV. Effect of hepatic and pancreatic enzymes on direct bile pigment. 1. 81'.

(Institute of Applied Physics - Czechoslovak Academy of Science) Vol. 50, No. 5
May 1956

5. Monthly Index of East European Accession (EMIA) 13, Vol. 7, No. 5 May 1958

T. Talafant, E.

✓ Nature of direct and indirect bilirubin. V. Presence of glucuronic acid in the direct bile pigment. *E. Talafant* *med* 1
(Masaryk Univ., Brno, Czech.). *Chem. Listy* 50, 1329-30 (1958); cf. *C.A.* 50, 10387e.—Bile pigment obtained by paper electrophoresis of purified "acetone product" (cf. Benard, *et al.*, *C.A.* 45, 3877h) was hydrolyzed with NH_4OH ; the hydrolyzate extd. with CHCl_3 , and the aq. layer chromatographed on paper to give bilirubin (I), glucuronic acid (II), bilirubinyl-diglucuronide, and taurocholic acid; taurodeoxycholate was not found. It is suggested that I is bound to II in the direct bile pigment. *L. J. Urbánek*

Talafant, Ed.

✓ The nature of ether-extractable pigment of blood serum. *Ed. Talafant (Masaryk Univ., Brno, Czech.). Act Med. Scand. 154, 333-5 (1958).*—The pigments extractable with Et₂O from certain jaundiced blood serums behave like extremely alkali-labile esters or other very labile compds. of bilirubin, one of which displays slight electrophoretic mobility. Rachel Brown

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TALAFANT, Ed.

Sodium Salt of the Directly Reacting Bile Pigment: Department of Medical Chemistry,
Masaryk University, Brno. Nature, Vol 180, No 4594, pp 1051, 16 November 1957

"AIAFAIT", Edmund se spolupraci Josefů Tovarů

Cycle of uridine compounds in the biosynthesis of bilirubin glucuronides. Cas. lek. cesk. 98 no.27:833-840 3 July 59.

1. Ustav pro lekářskou chemii lékařské fakulty v Brně, přednosta prof. MUDr. Oktavian Wagner. E.T., Brno, Ustav pro lekářskou chemii.

(GLUCURONATES, metab.

cycle of uridine cpds. in biosynthesis of bilirubin glucuronides (Cz))

(BILIRUBIN

same)

(NUCLEOSIDES AND NUCLEOTIDES

same)

CZECHOSLOVAKIA UDC 616.361-007.272:616.153.937-072(517.272.1)

TALAFANT, E.; APPELT, J.; Chair of Medical Chemistry, Medical Faculty, J.Ev. Purkyne University (Katedra Lekarske Chemie Lek. Fakulty UJEvP), Brno, Head (Vedouci) Docent Dr J. SLAVIK.

"Properties of Ether-Extractable Bile Pigment of Serum."

Prague, Casopis Lekarů Coskych, Vol 105, No 30, 15 Jul 66, pp 806 - 810

Abstract [Authors' English summary modified]: Properties of the ether extractable bile pigment present in the blood serum of patients suffering from bile occlusions, mainly of a malignant origin, are reviewed. This pigment, because it has not the properties of an acid, is chemically different from bilirubin and its known derivatives. By hydrolysis it finally gives bilirubin. It is possible that it is formed by bilirubin conjugation with non-acidic polar components. Methods of identification of this non-pigmented component are described. 4 Figures, 17 Western references. (Manuscript received Mar 66).

1/1

TALAFANTOVA, A., ROSKA, V.

"Influence of Weeds on Soil Moisture and Soil Structure." p. 387. (SEBRNIK. ANNALS.
RADA A., Vol. 26, no. 5, Nov. 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

CZECHOSLOVAKIA/Soil Science. Organic Fertilizers.

J-4

Abstr Jour: Ref Zhur-Biol., No 6, 1958, 24769,

Author : Sefranek, Boh.; Ambrozova, M.; Talafantova, A.

Inst :

Title : Study of the Effect of the Application of Peat and
Brown-Coal Wastes as Organic-Mineral Fertilizers.

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. Rostl. vyrcha, 1955,
28, No 2, 143-152.

Abstract: On loamy soil, containing 1.96% of humus, 0.8 mg.
 P_{2O_5} and 12 mg. K_2O ; pH salt 6.1 in the experiment
with barley, the application of the wastes of
coal (so-called capuchin) and peat in doses from
40 to 160 t./ha did not give stable harvest increases.
Combined application with mineral fertilizers notice-

Card : 1/2

CZECHOSLOVAKIA/Soil Science Organic Fertilizers.

J-4

Abs Jour: Ref Zhur-Eicl., No 6, 1958, 24769

ably increased the harvests; however, the role of the organic fertilizers in this was not differentiated.

Card : 2/2

TALAHER, J

72. The physicochemical processes occurring in the setting and hardening of alumina cements. J. Talaher. *Epitodnyag*, Vol. 8, 1956, No. 5, pp. 101-114, 10 figs., 9 tabs.

Mat

The critical cases of oxides (Al_2O_3 , Fe_2O_3 , SiO_2) determining the hydraulic properties of clinker minerals and the economical burning temperature, extremely important in cement manufacture, are investigated. The proportion of these oxides also determines the type of the cement, an aluminum modulus exceeding 10 being characteristic for aluminated cements. These cements are resistant to sulphate corrosion and set rapidly. One of their basic materials is bauxite whose Fe_2O_3 , SiO_2 , and TiO_2 contents can be determined most expediently by the method of differential thermal analysis. After stressing the importance of the water content of bauxite the structure of aluminated cements is discussed. The role of calcium aluminates is best exemplified by the binary $CaO-Al_2O_3$ systems dealt with in detail, subsequently the ternary systems, primarily $CaO-Al_2O_3-SiO_2$, the most important for the study of hydraulic binding agents, are discussed. It is pointed out that the three-component

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diagram is not satisfactory from the viewpoint of practical cement compositions since *s. g.* even small quantities of iron oxide will cause considerable changes in the course of melting and crystallization will affect the structure of the formed crystals, moreover new compounds might form. The Raoult diagram must therefore be further developed, leading to four-component and multi-component systems. Conforming to the CaO- Al_2O_3 - SiO_2 -MgO diagram is described. Finally the necessity of further research in order to elucidate on the position of aluminates cements and aluminates clinkers in quaternary systems is established.

DM
MT
pa

CA

A number of conditions that determine the nature of the forest soils of Eastern Georgia. G. R. Tabakhadze, *Trudy Akademii Pedologii*, 1951, 276 p. Under the serophytic conditions of an oak forest the tendency is for the soil to accumulate bases. The result is the formation of a chestnut brown forest soil. Under beech forests at a somewhat higher elevation less base is retained and the resulting soil is a brown forest soil. J. S. Joffe

ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."
ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."
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ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."
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ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."
ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."
ქართული, სსრკ. ლოკ. აგრ. ინსტიტუტი -- (სსრკ.) "საქართველოს სსრკ."

TALAKHADZE, G.R.

Trace elements in Georgian Chernozem soils. Soob. AN Gruz. SSR 20
no.1:83-88 Ja '58. (MIRA 11:6)

1. Institut pochvovedeniya, agrokhimii i melioratsii AN GruzSSR, Tbilisi.
Predstavleno akademikom M.N. Sabashvili.
(Georgia--Chernozem soils)
(Minerals in soil)

TALAXHADZE, G.R.

Brown forest soils of the Iori Gorge. Soob. AN Gruz. SSR 23 no.6:
703-708 D '59. (MIRA 13:6)

1. Gruzinskiy sel'skokhozyaystvennyy institut ordena Trudovogo
Krasnogo Znameni, Tbilisi. Predstavleno akademikom V.Z.Gulisashvili.
(Iori Gorge--Forest soils)

TALAKHADZE, Gavriil Revazovich

[Chernozem soils in Georgia] [Chernozemy Gruzii. Tbilisi,
Gos.izd-vo "Sabchota Sakartvelo"] 1962. 321 p. [In Georgian]
(MIRA 17:5)

TALAKHADZE, K.G.

Bottoms of Lake Paravani. Trudy Inst. zool. AN Gruz. SSR 13:
95-98 '61. (MIRA 15:6)
(Paravani, Lake--Sedimentation and deposition)

KALACHEV, I.B.; TALAKIN, N.I.

Method for determining the elastic and plastic characteristics of wire
in torsion. Zav.lab. no.11:1368-1370 '59. (MIRA 13:4)
(Wire-- Testing) (Torsion)

37535

S/076/62/036/005/010/013
3101/3110

11/2/67
AUTHORS:

Malakin, G. G., Akhanshchikova, L. A., Sosnovskiy, Ye. N.,
Pankratov, A. V., and Zercheninov, A. N.

TITLE:

Heat of formation of fluonitrate

PERIODICAL:

Zhurnal fizicheskoy khimii, v. 36, no. 5, 1962, 1065-1067

TEXT: The heat of formation of NO_3F was calorimetrically determined on the basis of the reaction $\text{NO}_3\text{F} + 2\text{KOH} = \text{KNO}_3 + \text{KF} + 0.5 \text{O}_2 + \text{H}_2\text{O}$, the NO_3F being synthesized by bubbling F_2 through HNO_3 thus: $\text{HNO}_3 + \text{F}_2 = \text{HF} + \text{NO}_3\text{F}$. The HF was absorbed by KF, and NO_3F was condensed at -163°C . The heats (kcal/mole) of reaction between NO_3F and KOH ($Q_1 = 93.5 \pm 0.8$), between KF and KOH ($Q_2 = 3.35 \pm 0.011$), and between KNO_3 and KOH ($Q_4 = -5.93 \pm 0.023$) were measured with a calorimeter calibrated with KCl . From the system of equations which allows for this and the other side reactions of the process the heats of formation of gaseous and liquid NO_3F were calculated

Card 1/2

X

Heat of formation of fluonitrate

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B101/B110

and found to be -4.2 ± 0.9 kcal/mole at 21°C and -4.2 ± 1.2 kcal/mole at -40.7°C , respectively. There are 2 figures and 4 tables.

SUBMITTED: May 17, 1961

X

Card 2/2

L 12872-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS Ps-4/Pc-4/Pr-4 RM/WW/JW
ACCESSION NR: AP3002942 S/0076/63/037/006/1399/1401 7/

AUTHOR: Pankratov, A. V.; Zercheninov, A. N.; Talakin, O. G.; Sokolov, O. M.;
Knyazeva, N. A.

TITLE: Standard enthalpy of formation of the active isomer of difluorodiazine

SOURCE: Zhurnal fizicheskoy khimii, v. 37, no. 6, 1963, 1399-1401

TOPIC TAGS: standard enthalpy, active isomer, difluorodiazine, IR measurement

ABSTRACT: The standard enthalpy for the gaseous active isomer of difluorodiazine was calculated. It was 25.3 ± 2.0 kcal/mol. It was 20.5 ± 2.0 kcal/mol for the liquid at -105.7° . Data was obtained by IR measurement of the heat of reaction of the active isomer with an acid solution of KI. Orig. art. has: 2 tables, 1 figure, and 3 equations.

ASSOCIATION: none

SUBMITTED: 22Aug62 DATE ACQ: 16Jul63 ENCL: 00
SUB CODE: CH NO REF SOV: 002 OTHER: 005

Card 1/1

SVIRSHCHEVSKAYA, M.H.; IL'YUSHENKO, L.P.; TALAKO, G.S.

Magnetic control of hollow steel cylinders on deep hole drilling
machines. Sbor.nauch.trud.Fiz.-tekh.inst.AN BSSR no.1:162-166'54.

(MIRA 10:1)

(Magnetic testing) (Cylinders)
(Machinery industry--Quality control)

MOLOCHKOV, A.V.; TALAKO, G.S.; POL'SKIY, S., red.; TRUKHANOVA, A., tekhn.
red.

[How to read blueprints] Kak chitat' tekhnicheskii chertezh. Minsk,
Gos. izd-vo BSSR. Red. nauchn.-tekhn.lit-ry, 1958. 145 p. (MIRA 11:4)
(Blueprints)

TALAKO, G S.

PHASE I BOOK EXPLOITATION

SOV/3662

Pikus, Meyer Yudelevich, Grigoriy Sofronovich Talako, and Mikhail Antonovich Shpakovskiy

Protyazhnyye avtomaty i poluavtomaty (Automatic and Semiautomatic Broaching Machines) Minsk, Gos. izd-vo BSSR, 1959. 213 p. Errata slip inserted. 3,000 copies printed.

Ed.: A. Molochkov; Tech. Ed.: N. Stepanova.

PURPOSE: This book is intended for technical personnel.

COVERAGE: The book deals with basic constructions of automatic and semiautomatic broaching machines manufactured in the Soviet Union. Detailed descriptions of the characteristics and technical specifications of types of general- and special-purpose machines are given. Hydraulic, electric, and manually operated auxiliary equipment is also described. The principal manufacturers of these machines are the Minskiy stankostroitel'nyy zavod imeni Kirova (Minsk Machine-Tool Plant imeni Kirov) the "Stankokonstruktsiya" Plant, and the Kolomenskiy zavod tyazhelogo stankostroyeniya (Kolomna Heavy Machine-Tool Plant). No personalities are men-

Gard 1/8

Automatic and Semiautomatic (Cont.)

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tioned. There are 14 references, all Soviet.

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I. Basic Types of Broaching Machines	5
II. General-Purpose Broaching Machines	6
Model 7A510 horizontal broaching machine	6
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Description of the construction	7
Electrical equipment	12
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Hydraulic actuation	15
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Lubrication of the machine	18
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Card 2/8

TALAKO, G.S., inzh.

Analysis of hydraulic systems of broaching machines. Mash. Bel.
no.6:3-16 '59. (MIRA 13:6)
(Broaching machines--Hydraulic driving)

POLOCHKOV, Aleksandr Vasil'yevich; TALAKO, Grigoriy Safronovich;
KASHIANGOV, F., red.; YERMOLENKO, V., tekhn. red.

[How to read mechanical drawings] Kak chitat' tekhnicheskii
chertezh. Izd.2., perer. Minsk, Gos.izd-vo BSSR, 1963. 255 p.
(MIRA 16:12)

(Mechanical drawing)

TALAKOV, A

TALAKOV, A.

Modification of Waldman's endothelial glass test. *Sovrem. med.*,
Sofia 5 no.1:83-88 1954.

1. Iz Uchast'kovata bol'nitsa, s. Kamen, Gornooriakhovsko.
(LEUKOCYTE COUNT, determination,
*Waldman's endothelial glass technic)

TALAKOV, A.A.

Ballistocardiography. Suvrem. med., Sofia 8 no.1:88-95
1957.

1. Iz okoliiskata obedinena bolnitsa - - Gr. Ikhtimai.
(BALLISTOCARDIOGRAPHY,
(Bul))

TALAKOV, A.A.

Sublimate test; Stolt-Greenstead reaction. Suvrem. med., Sofia
8 no.2:93-97 1957.

1. Iz Okoliiskata obedinena boinitsa - gr. Ikhtiman (Gl. lekar:
K. Georgiev)

(LIVER FUNCTION TESTS,

Stolt-Greenstead sublimate reaction (Bil))

TALAKOV, A.; BALUEV, S.

Cardiac defibrillation with an electrical defibrillator; preliminary report.
Khirurgiia, Sofia 10 no.10:931-934 1957.

1. Institut za burza meditsinska pomoshch I. I. Pigorov - Sofia G1.
lekar: B. Devetakov.
(VENTRICULAR FIBRILLATION, ther.
electrical defibrillator)

TALAKOV, A.A.

Nomogram calculation ruler for a simplified calculation of electrocardiographic indexes. Suvrem. med., Sofia 9 no.6:93-97 1958.

1. Iz III poliklinika--Dimitrovski raion--Sofia (Gl. lekar: II. Venkov).
(ELECTROCARDIOGRAPHY, appar. & instruments
nomogram calculating ruler)

GABROVSKI, N.; TAIKOV, A.; SIVCHEV, S.

Case of Pierre-Marie-Bamberger disease. Suvrem. med., Sofia 9 no.7:
98-102 1958.

1. Iz Okoliiskata obedinena bolnitsa gr. Ikhtman (Gl. lekar: K. Georgiev)
i Katedrata po patologoanatomia pri VMI - Sofia (Zav. katedrata: prof.
B. Kurdzhiev)

(OSTEOARTHROPATHY, HYPERTROPHIC PULMONARY, case reports.
(Bul))

TALAKOV, A.A. (Sofiya, Bolgariya)

Ballistocardiography in complete transposition of the internal
organs. Klin.med. 36 no.8:149-150 Ag '58 (MIRA 11:9)

1. Iz kliniki serdechnykh i revmaticheskikh zabolevaniy (dir.-
prof. V.T. Tsonchev) Instituta spetsializatsii i usovershenstvovaniya
vrachey v Sofii.

(SITUS INVERSUS,

complete, of viscera, ballistocardiography (Rus))

(BALLISTOCARDIOGRAPHY,

in complete visceral situs inversus (Rus))

TALAKOV, A.A.

New sulfonamides derivative in antibacterial therapy. Suvrem.
med., Sofia 11 no.2-3:209-212 '60.
(SULFONAMIDES)

TALAKOV, A.A.

Pre- and postoperative ballistocardiographic changes in mitral stenosis.
Suvrem med., Sofia no.7-8:48-54 '60.

1. Po materiala na Grudno- i surdechnokhirurgicheskoto otdelenie
pri OAB (Glaven khirurg: general-mayor prof. K.Stoianov)
(MITRAL STENOSIS surg)
(BALLISTOCARDIOGRAPHY)

TALAKOV, A.

A fast direct electromagnetic ballistocardiograph not producing electrical disorders. Suvrem med., Sofia no.7:91-92 '61.

1. Medsanchast pri Slabo tokov zavod "Kl. Voroshilov", Sofia.
Gl. lekar S. Maksimov.

(BALLISTOCARDIOGRAPHY equip & supply)

TALAKOV, A.; GANEV, G., inzh.

Direct electric cardiac defibrillator. Khirurgiia, Sofia 14 no.2/3:
240-241 '61.

1. Terapevtichno otdelenie na MSCH i laboratoriiata po elektronika
pri elektro-meditsinsko proizvodstvo pri Silno tokoviia zavod
"Voroshilov", Sofia.

(HEART ARREST ther)

TALAKOV, A.A.

Spirodynamometer. Biul. eksp. biol. i med. 52 no.11:121-122
N 161. (MIRA 15:3)

1. Iz mediko-sanitarnoy chasti pri STZ Sofiya, Bolgariya.
Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.
(SPIROSCOPE AND SPIROSCOPY)

ANDREEV, Iv.; VAPTSAROV, Iv.; MIKHCV, Iv.; ANGELOV, A.; YEVGENIYEV, Ye.
[Evgeniev, E., translator]; PROTOKHRISTOV, T. [translator];
KLYUS, B. [Klius, B., translator]; TALAKOV, A., red.; RUSINOV, N.,
tekhn. red.

[Differential diagnosis of the most important symptoms of
children's diseases] Differentzial'naiia diagnostika vazhneishikh
simptomov detskikh boleznei. Red. A. Talakov. Plovdiv, Gos. izd-
vo im. Khristo G. Danova, 1962. 431 p. (MIRA 16:5)
(CHILDREN--DISEASES) (DIAGNOSIS, DIFFERENTIAL)

ANDREYEV, Iv. [author]; [translator];
ANGELOV, A.; [translator];
PROTOPAPAS, I. [translator]; ANTON, B. [translator];
TALANOV, A., ed.

[Differential diagnosis of the major symptoms of children's
diseases. Translated from the Bulgarian] *Differentsial'naiia
diagnostika vaznemeishikh simptomov detshkikh boleznei.* [By]
Iv. Andreev i dr. Plevdiv, Gostinovo izd. Hristo G. Danova,
1964. 443 p. (MIRA 17:9)

TALAKOV, A.A., d-r.

4th Congress of the European Association on Ballistocardiography. Nauch zhivot 6 no.2:20 Ap-Je '63.

TALAKOV, A. A.

Modern trends in the development of ballistocardiography.
Sovr.med. 14 no.11&29-33 '63.

*

1. TALAEVADZE, G. I.
2. USSR (600)
4. Metal Cutting
7. Problems of steel deterioration at high cutting speeds. Vest mash No 9 1952.

g. Monthly List of Russian Accessions. Library of Congress, April 1953, Uncl.

საქართველოში, 1952; [2], 234-235, 236-237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

702
 Dissertation for degree of
 Candidate Chemical Sciences

Def. at
 Tbilisi State U.

1. *[Faint, illegible text]*

anomalous behavior of surface melting in oxygen vapor helium
reaction. *[Faint, illegible text]*

1. *[Faint, illegible text]*

MEBSADZE, T.N.; NAKASHIDZE, G.A.; YELISULASHVILI, I.A.; TALAPLIDZE, M.V.;
ZERASHVILI, E.M.

Synthesis and electrophysical properties of polymers obtained
by the polycondensation of acetone and 4,4'-diacetyl-p-ter-
phenyl with terephthalaldehyde. Soob. AN Gruz. SSR 39
no.1:75-79. J1 165. (MIRA 12:17)

I. Institut kibernetiki AN GruzSSR, Tbilisi. Submitted
February 22, 1965.

TARASASHVILI, G.M.; TALAKHADZE, G.R., redaktor; BAKRADZE, D.S., redaktor
izdatel'stva; TODUA, A.P., tekhnicheskii redaktor

[Soils of mountain forests and mountain meadows in eastern Georgia]
Gorno-lesnye i gorno-lugovye pochvy vostochnoi Gruzii. Tbilisi,
Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 152 p. (MIRA 10:2)
(Georgia--Soils)

TALAKVADZE, K. B., Cand Agri Sci — (diss) "The effect of sprinkling on the harvest of a tea plantation and the quality of the leaf," Tbilisi, 1960, 27 pp, 150 cop. (Georgian Agricultural Institute) (KL, 44-60, 132)

TALAKVADZE, V.V.; PONOMAREV, N.P.

A good substitute for parchment paper. Mashinostroitel' no.5:17
My '60. (MIRA 14:5)
(Mechanical drawing--Equipment and supplies)

KINASOSHVILI, R.S., prof.; TALAKVADZE, V.V., inzh.; PONOMAREV, N.H., inzh.

Letters to the editor. Vest.mash. 40 no.7:36-37 J1 '60.
(MIRA 13:7)

(Mechanical engineering)
(Mechanical drawing)

S/096/61/000/002/007/014
E194/E155

26.2160

AUTHOR: Talakvadze, V.V., Engineer

TITLE: ~~XXXXXXXXXXXX~~ The Theory and Design of a Centrifugal Nozzle

PERIODICAL: Teploenergetika, 1961, No.2, pp. 45-49

TEXT: The theory of a centrifugal nozzle operating on a non-viscous liquid is presented here. It differs from previous theories in the following respects: in considering the flow of liquid in the nozzle particular attention is paid to the gas vortex in the chamber and in the nozzle. It is assumed, as was done by G.I. Taylor, that flow of liquid in the nozzle is only possible if the gas vortex is of non-cylindrical shape and its minimum radius occurs at the bottom of the chamber. From this condition a formula is derived that relates the axial component of the velocity of the liquid in the nozzle to the excess centrifugal pressure at the bottom of the chamber. The momentum equation is used as an additional equation that is required to determine the dependent parameters. The scheme of liquid flow in the nozzle on which the theory is based made it possible to write the momentum equation in such a form that the calculation is both accurate and

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S/096/61/000/002/007/014
E194/E155

The Theory and Design of a Centrifugal Nozzle

trajectory of the liquid particles leaving the nozzle. A centrifugal nozzle operating on a viscous liquid is then considered. There are considerable pressure drops in the inlet ducts of the nozzle, and a reduced moment of momentum in the swirl chamber. Moreover, in the inlet ducts the flow of liquid is constricted. These factors are allowed for by different parameters, and the necessary equations are derived. An explanation is then given of the sequence of making check calculations of a nozzle with allowance for losses. In designing a nozzle it is required to know the nozzle geometry, the parameters of the liquid and the inlet pressure at the nozzle. The geometric criteria of similarity are first determined and then the discharge and output factors of the nozzle. Next the rate of flow through the nozzle, and the velocity of the liquid at the inlet duct, are calculated. The Reynolds number is then derived and the various losses are allowed for in turn. The method of successive approximation is used, and usually the second approximation

Card 3/4

TALAJ, Stanislaw

Value of cultured *Origanum vulgare* L. Acta Poloniae pharm. 11
no.2:147-152 1954.

1. Z Zakladu Farmakognozji Akademii Medycznej w Warszawie.
Kierownik: prof. dr J. Deryng.

(PLANTS,

**Origanum vulgare*, pharmacol.)

1. 1

Dr. Ph.D. Grigoriy Galanov, Department of Pharmacology, College of
Medicine, Medical Pharmaceutical Academy of Moscow, Head of Institute
Prof. Dr. J. GALANOV, Moscow.

Gas Chromatography and Its Applications.

Travni. Ispytaja Erista, Vol. 18, No. 18, 10 Oct 1962; pp 465-466.

Abstract: [Review of procedure, appropriate chromatographs and detectors,
indicated carrier gases, volume of specimen, pressure and temperature.
[Diagram, schematic. 9 Western references.]

... to the 1st National Conference on Semiconductors
Compounds, Makhinev, 17-21 Sept 1963

-21-

2. Electrical properties of highly degenerate crystals of n- and p-type gallium arsenide. O. V. Yemel'yanenko, F. P. Kesamanly, D. N. Nasledov, V. G. Sidorov, G. N. Talalakin.

Concerning the interaction of electrons with lattice vibrations in gallium arsenide. O. V. Yemel'yanenko, T. S. Lagunova, D. N. Nasledov, V. Ye. Shcherbatov.

Electrical properties of gallium arsenide with different impurities. D. N. Nasledov, G. N. Talalakin.

Investigation of the properties of impurity zones in crystals of p-type gallium arsenide. O. V. Yemel'yanenko, T. S. Lagunova, D. N. Nasledov, V. Ye. Shcherbatov.

Galvanomagnetic properties of indium arsenide in a wide temperature range. Yu. M. Burdukov, I. V. Zatova, T. S. Lagunova, D. N. Nasledov.

Kernst effect in n-type indium phosphide.

F. P. Kesamanly, E. E. Klotin.

(Presented by V. Yemel'yanenko--20 minutes).

L 15679-65 EWT(m)/EWP(t)/EWP(b) ASD-3/AFFTC/ESD-3/IJP(c)/ESD(t)/SSD/
AFWL/RAEM(a) JD/JG
ACCESSION NR: AP4047485 S/0120/64/000/005/0184/0186

AUTHOR: Gutkin, A. A.; Kozlov, M. M.; Nasledov, D. N.; Sedov, V. Ye.;
Talalakin, G. N.

TITLE: Localization of p-n junctions in gallium arsenide by means of an MIK-1
infrared microscope 27

SOURCE: Pribory* i tekhnika eksperimenta, no. 5, 1964, 184-186

TOPIC TAGS: gallium arsenide, pn junction, infrared microscope / MIK-1
infrared microscope 26

ABSTRACT: Specimens were prepared from n-GaAs single crystals having an electron concentration of 10^{17} – 5×10^{18} /cm² and a mobility of 2,000–3,500 cm²/v sec; the p-n junction was obtained by diffusing Zn whose concentration on the surface of the p-region was 5×10^{18} – 10^{20} /cm³; the specimens were 0.1–1 mm thick. Three methods were used for localizing p-n junctions: (a) in

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ACCESSION NR: AP4047485

2

transmitted infrared light; (b) in reflected infrared light; (c) by recombination radiation of the junction. These advantages are listed: (1) Low error of localization, $\pm 0,5$ micron; (2) No need for any treatment of the specimen surface (staining, etching) which might contaminate the surface; (3) In methods "a" and "c," the entire area of the junction is visible. The limits of applicability of the above methods are given. "The authors wish to thank Ya. A. Oksman for his help in preparing the test specimens." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: Fiziko-tekhicheskiy institut AN SSSR (Physico-Technical Institute, AN SSSR)

SUBMITTED: 02Nov63

ENCL: 00

SUB CODE: EC, OP

NO REF SOV: 001

OTHER: 006

Card 2/2

L 20349-65 EWT(1)/EXG(k)/EWT(m)/T/EWP(t)/EWP(b)/EWA(h) Pz-6/Pe6 IJP(o)/SSD/
 AFWL/ASD(a)-5/AS(mp)-2/AFETR/RAEM(a)/ESD(gs)/ESD(t) JD/AT
 ACCESSION NR: AP4041353 S/0048/64/028/006/0951/0998

AUTHOR: Burdukov, Yu.M.; Yemel'yanenko, O.V.; Zotova, N.V.; Kesamanly, P.P.; Kloty-
 n'sh, E.E.; Lagunova, T.S.; Sidorov, V.G.; Talalakin, G.N.; Scherbakov, V.Ye.
 (Deceased); Nasledov, D.N. (Doctor of physico-matematical sciences)

TITLE: Investigation of transfer effects in AIII_BV type compounds (Report, Third
 All-Union Conference on Semiconductor Compounds held in Kishinev 16-21 Sep 1963)

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.6, 1964, 951-958

TOPIC TAGS: semiconductor, semiconductor research, semiconductor band structure,
 Hall effect, Nernst Ettinghausen effect, electric conductivity, Gallium arsenide,
 indium arsenide, Indium phosphide

ABSTRACT: The present paper is a review of the results of experimental studies of
 transfer effects in AIII_BV type compounds, specifically, gallium arsenide, indium
 arsenide and indium phosphide, with emphasis on the first. The work of other auth-
 ors, Soviet and non-Soviet, is referred to, but for the most part the data and dis-
 cussion are based on investigations by the authors' group. The main purpose of these
 studies was to investigate the energy spectrum and characteristics of the impurity

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L 20349-65
ACCESSION NR: AP4041353

band (zone) and elucidate the mechanism of electron scattering in these semiconductor compounds. The assumed band structure of GaAs is described. Extensive measurements were made of the thermo-emf of the compounds in order to investigate the structure of the allowed bands. Data and curves are given for the dependence of the effective electron mass on the carrier concentration in the crystal, the temperature dependence of the Hall constant, the temperature dependence of the height of the Fermi level, the temperature dependence of the relative resistivity increment ($\Delta\rho/\rho$) in a magnetic field, the Nernst-Ettinghausen effect, all for n-type GaAs; the dependence of kinetic effects in InP; the temperature dependences of the Hall constant and $\Delta\rho/\rho$ and the field dependence of $\Delta\rho/\rho$ for n-type InAs. The mechanism of interaction of electrons with lattice vibrations in gallium arsenide and indium arsenide is discussed. Impurity effects are considered and various models are evaluated from the standpoint of their agreement with experiment and practical utility. Orig.art.has: 5 formulas and 9 figures.

Card 2/3

L 20349-65

ACCESSION NR: APl4041353

ASSOCIATION: Fiziko-tehnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR
(Physicotechnical Institute, Academy of Sciences, SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: SS, EM

NO. REF SOV: 008

OTHER: 006

Card 3/3

L 58534-65 EWT(1)/EWT(m)/EWP(b)/EWP(t) IJP(c) JD

ACCESSION NR: AP5012535

UR/0181/65/007/005/1315/1323

AUTHOR: Yemel'yanenko, O. V.; Lagunova, T. S.; Nasledov, D. N.; Talalakin, G. N.

TITLE: Formation and properties of the impurity band in n-GaAs

28

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1315-1323

27

β

TOPIC TAGS: gallium arsenide, impurity band, carrier mobility, electric resistivity, Hall effect, magnetic resistance

21
ABSTRACT: An attempt is made to determine the energy position, width, and other parameters of the impurity band in n-type gallium arsenide with donor concentration 5×10^{15} -- 5×10^{17} cm⁻³, by experimentally investigating the Hall effect and the electric conductivity at low temperatures (2--300K). Both undoped and doped single crystals with shallow levels were investigated. Reduction of the experimental data within the framework of a simple semiconductor model with two types of carriers of the same sign indicates that an impurity band exists and that its width is ~ 0.002 eV; the distance between the ground and impurity bands is 0.001--0.002 eV. An expression is derived for the carrier mobility in the impurity band and the variation of the resistance in a transverse magnetic field is plotted. The results obtained

Card 1/2

L 10580-66 EWT(m)/EWP(t)/EWI(h) IJP(c) JD
ACC NR: AP5025400 SOURCE CODE: UR/0181/65/007/010/3118/3120

40
B

AUTHOR: Kolchanova, N. M.; Talalakin, G. N.

ORG: Physicotechnical Institute im. A. F. Ioffe AN SSSR, Leningrad (Fiziko-tekhni-cheskiy institut AN SSSR)

TITLE: Anomalous behavior of mobility in oxygen-doped gallium arsenide

SOURCE: Fizika tverdogo tela, v. 7, no. 10, 1965, 3118-3120

TOPIC TAGS: single crystal, gallium arsenide, semiconductor research, Hall mobility

ABSTRACT: The authors examine single crystal specimens of oxygen-doped gallium arsenide with a mobility of 4000 cm²/v·sec. A slight variation in the Hall constant was observed with reduction in temperature for electron concentrations of more than 5·10¹⁵ cm⁻³. A distinguishing feature of crystals with low current carrier mobility is an increase in mobility with temperature reduction between 300 and 80°K. This type of mobility behavior is characteristic for GaAs of higher purity and with higher current carrier mobility, which is due to the small contribution made by impurity ions to electron scattering. An explanation of this anomalous phenomenon is given based on the assumption that the specimens contain a special type of scattering centers associated with nonhomogeneous distribution of the dopant in the crystal in addition to the usual scattering mechanisms. In conclusion, the authors thank D. N. Nasledov for his interest in the work. Orig. art. has: 1 figure, 1 table, 2 formulas.

SUB CODE: 20/ SUBM DATE: 06May65/ ORIG REF: 002/ OTH REF: 009

Card 1/1 HW

21/01-66 ENT(1)/ENT(n)/ENT(t) IJP(c) ID/JP/AT
 ACC NR: AP6002048 SOURCE CODE: GE/0030/65/012/002/K093/K095

AUTHOR: Emelyanenko, O. V.; Nasledov, D. N.; Sidorov, V. G.;
Skripkin, V. A.; Talalakin, G. N.

ORG: Physico-Technical Institute im. A. F. Ioffe, Academy of Sciences
 SSSR, Leningrad

TITLE: Effective mass of electrons in n-GaAs

SOURCE: Physica status solidi, v. 12, no. 2, 1965, K93-K95

TOPIC TAGS: effective mass, Hall coefficient, thermoelectric power,
 gallium arsenide, semiconductor

ABSTRACT: In order to determine directly the effective mass m^* of electron charge carriers, the authors made measurements of the Hall coefficient R_{∞} and of the thermoelectric power L_{∞} of semiconductors in strong magnetic fields $H \rightarrow \infty$ without quantization effect. In all four n-GaAs samples up to the fields 31 kg ($0 < \mu H/c < 3$) were measured. The Hall coefficient was found to be field-independent (± 2). The thermoelectric power L increased or decreased with H (the magnetic field strength). The calculation was made with the aid of the formula

$$L(H) - L(0) = L(H) = \frac{AH^2}{1 + BH^2}$$

Card 1/2

L 01435-66

ACC NR: AP6002048

The effective mass of electrons is $0.072 m_0$ at the bottom of the band (pure samples 1 and 2 at low temperatures). For a deviation from the band from the parabolic shape, the effective mass of samples 1 and 2 (at all temperatures) $m^* = (0.070 \pm 0.002) m_0$ at the bottom of the band, being equal to effective masses obtained by other methods (Palik, E. D., Stevenson, J. R., and Wallis, R. F., Phys. Rev. 124, 701, 1961). The slightly higher value of m^* in more impure samples 3 and 4 may be due to the effect of the impurity band. The author presents tabulated data on effective mass values attained at various temperatures. Orig. art. has: 1 figure, 1 formula, 1 table. [LD]

SUB CODE: 20/ SUBM DATE: 23Oct65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 *UVR*

L 08140-67 EWT(1) IJP(c) AT
ACC NR: AP6033666

SOURCE CODE: UR/0371/66/000/004/0014/0021

65
64
8

AUTHOR: Kesamanly, F. P. --Kesamanli, F. ; Klotyn'sh, E. E. --Klotins, E. ;
Nasledov, D. N. --Nasledova, D. ; Talalakin, G. N. --Talalakins, G.

ORG: Physicotechnical Institute im. A. F. Ioffe (Fiziko-tekhnicheskiy institut);
Institute of Power Engineering AN LatSSR (Institut energetiki AN LatSSR)

TITLE: Transfer effects in p-type gallium arsenide crystals

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk,
no. 4, 1966, 14-21

TOPIC TAGS: gallium arsenide, Hall mobility, Nernst effect, high temperature
effect, transfer effect, pn junction, p type gallium

ABSTRACT: The authors investigated the temperature and concentration relation-
ships of the Hall mobility and the transverse Nernst--Ettingshausen effect in
p-type gallium arsenide alloyed with zinc and cadmium. The investigations have
been conducted at temperatures ranging from 90 to 800K in crystals with the
concentration of holes at 300K from 5.4×10^{16} to $7.7 \times 10^{19} \text{ cm}^{-3}$. It is shown

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L 08140-67

ACC NR: AP6033666

that the experimental results could be consistently understood in terms of the theory for a semiconductor with an isotropic and parabolic zone. It is shown that the ions play an important role in scattering holes below room temperature. The mechanisms of hole scattering by the lattice oscillation are examined. The authors thank V. G. Sidorov for submitting precision values of the thermal emf. Orig. art. has: 5 figures, 5 formulas, and 1 table. [Based on authors' abstract]

SUB CODE: 20/ SUBM DATE: 14Sep65/ ORIG REF: 012/ OTH REF: 003/

Card 2/2 nst

TALALAY, A., inzh.

Serious difficulties in an important work. Okhr. truda i sots. strakh.
no.3:36-38 S 58. (MIRA 12:1)
(Metallurgy--Safety measures)

TALALAY, B. A.

Elektromotory postoiannogo toka oblegchenoi konstruktsii moshchnost'iu ot 0.5 to 50 watt. Konstruktsiia, raschet. Moskva, 1937, 108p., illus., tables, diagrs. (TSAGI. Trudy, no. 338)

Bibliography: p. 107

Title tr.: Direct current electric motors of lightened construction, rated from 0.5 to 50 watts. Construction. Design.

QA911.M65 no. 338

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

RUSSIAN

Direct Current Electric Gyros with Rotational Speed Stabilizers.

To AGI. Tekhnicheskiye Zametki, No. 13 (1937)

TALALAY, I.B., inzhener.

Fountains of the All-Union Agricultural Exhibition. Ger.khoz.Mosk.
28 no.8:14-16 Ag '54. (MLRA 7:9)
(Moscow--Agricultural exhibitions) (Agricultural exhibitions--
Moscow) (Fountains)

32722

S/669/60/000/001/001/004
D299/D302

6.9500

AUTHORS: Tsapenko, M. P., Shamara, I. N. and Talalay, L. B.

TITLE: Semi-automatic device for decoding and calculating
the extremal value distribution of curves

SOURCE: Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut
avtomatiki i elektrometrii. Avtomaticheskii kontrol'
i elektricheskoye izmereniya. no. 1, 1960, 55-60

TEXT: A semi-automatic decoder is described, in which the extre-
mal points of the curve are determined by the human operator, and
addition and subtraction of 2 neighboring extremal values of the
curve, as well as addition of correlated sums (or differences)
of equal sign is carried out automatically. The semi-automatic de-
coder has the following characteristics: Calculation of correlated
sums and differences of neighboring extremal values of the curve
is carried out with an error of about 5%. The optical magnifica-
tion of the curve can vary from 6.5 to 20.5 times. It is possible
to correct the position of the recording. The decoder can process

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S/669/60/000/001/001/004
D299/D302

Semi-automatic device ...

recordings made on tape or on oscillograph paper of width 60 to 120 mm. The decoder can be readily adapted to recordings made on film. The readings from the dial of a 4-decade electromagnetic counter can be made visually or photographed. The decoder is designed for operation under stationary conditions. It consists of a control unit, the counter-indicator device, and a photographic apparatus. The control unit consists of a keyboard-device, mechanisms for moving the tape and a projector with screen; the projector is used for magnifying the image of the curve. The rate of motion of the tape can be varied from 2 to 30 mm. The counter-indicator consists of electromechanical counters. The photographic apparatus is a modified version of the aerophotocamera *РБ-20М* (RB-20 M). The difference in the readings of each pair of counters gives the number of a certain sum (difference) of extremal values. The electrical circuit of the semi-automatic decoder operates as follows: The human operator determines the channel in which the extremal value of the curve is found, and presses the corresponding key. To each key, there corresponds a relay R. As the counting scheme of the decoder, the matrix scheme is used. This scheme is described in

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S/669/60/000/001/001/004
D299/D302

Semi-automatic device ...

more detail. The same counter indicates simultaneously the sum and the difference of the ordinal numbers of rows and columns. If decoding along the ascending or descending branch of a curve is sufficient, it is possible to use a triangular matrix scheme. It is noted that the triangular scheme makes it possible to determine the number of extremal values (of equal magnitude) of the function to be decoded. The operation of the counting circuit of the decoder involves pressing of the keys, whereby electrical circuits are closed. The described semi-automatic decoder is being used (in practice) for decoding overload curves, related to the flight of aircraft in a disturbed atmosphere and to aircraft maneuvers. It was found that the labor expense involved in operating the semi-automatic decoder is 10 to 15 times smaller than with manual processing of curves. There are 4 figures and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: C.J.D.M. Verhagen, J.C. De Does, A special stress analyzer for use on board ship, Int Shipbuilding Progress, v. 3, no. 21, 1956.

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Card 3/3

GORBACHEV, V.P., inzh.; TALALAY, S.Ya.

Using industrial methods installing heat insulation. Mont. i
spets. rab. v. stroi. 22 no.12:22-24 D '60. (MIRA 13:11)

1. Trest Stroytermoizolyatsiya.
(Insulation (Heat))

AVERBUKH, I.D., starshiy prepodavatel'; PETROV, Yu.S., dotsent; TURYSHEV,
B.F., dotsent; TALALAYENKO, V.A., inzh.

Protection form electrocution when the excavator bucket touches
the contact wire. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:130-
137 '63. (MIRA 16:8)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva.
Rekomendovana kafedroy gornoy elektrotekhniki.
(Excavating machinery—Safety applicances)

TALALAYEV, A.K.

Determination of the geothermic depth based on temperature measurement
dots in production wells. Geol. nefti i gaza 6 no.6:39-43 Je '62.
(MIRA 15:6)

1. Neftepromyslovoye upravleniye Starogrozneft'.
(Earth temperature)

TALALAYEV, B.M.

Spectrographic determination of palladium and ruthenium in catalysts based on aluminum oxide. Zhur. anal. khim. 19 no.9:1163-1164 '64.
(MIRA 17:10)

1. State Scientific-Research and Design Institute of the Nitrogen Industry and the Products of Organic Synthesis, Moscow.

MILOV, S.G.; TALALAYEV, Evgeniy Vasil'yevich, kand. biol. nauk; PANASOCHKIN,
L.A., otvetstvennyy za vypusk; GORNIN, M.V., red.

[Safety handbook for workers at reloading and rafting grounds]
Pamiatka po tekhnike bezopasnosti dlia rabochikh na reidakh i
perevalochnykh bazakh. Moskva, Goslesbumizdat, 1956. 24 p.
(MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo lesnoy promyshlennosti.
TSentral'noye byuro tekhnicheskoy informatsii.
(Lumbering--Safety measures)

LITVINENKO, M.S., doktor tekhnicheskikh nauk, professor; TALALAYEV, G.K. inzhener; KULIKOV, V.O., inzhener; BARNATSKIY, I.I., inzhener.

Hydrogen sulfide removal from coke-oven gas and the production of sulfuric acid at the Makeyevka Coke Plant. Koks i khim. no.2: 48-57 '55. (MLRA 9:3)

1. Ukrainskiy uglekhimicheskiy institut (for Litvinenko); 2. Makeyevskiy koksokhimicheskiy zavod (for Talalayev); 3. Makeyevskiy metallurgicheskiy zavod (for Kulikov, Barnatskii).
(Coke-oven gas) (Sulfuric acid)

SOV/11-19-7-10/58

ADDRESS: Kalalayev, G.K. and Parokhin, G.P.

TITLE: Experience of Incorporating Two Coking Works into a Single Unit

PERIODICAL: Koks i Khimiya, 1959, Nr 7, pp 69 - 70 (USSR)

ABSTRACT: The effect on the labour productivity and output of the incorporation of Novo-Makeyevka and Staro-Makeyevka Coking Works into a single administrative and operational unit (in 1955) is discussed. Yearly increase in the labour productivity is shown in Table 1 and that of output in Table 2.
There is 1 figure and 2 tables.

ASSOCIATION: Makeyevskiy koksokhimicheskiy zavod (Makeyevka Coking Works)

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RDV/68-59-7-29/33

AUTHOR: Bulalayev, G.K.

TITLE: The First Experience in the Application of Glass Pipelines in the Coking Industry

PERIODICAL: Koks i Khimiya, 1969, Nr 7, pp 70 - 72 (USSR)

ABSTRACT: types of glass tubes available in the USSR and their thermal stability, methods of joining, and their deficiencies are discussed. Above 1 000 m of glass pipelines are in experimental operation at the Makeyevka Works, with satisfactory results. There are 2 figures.

ASSOCIATION: Makeyevskiy koksokhimicheskiy zavod (Makeyevka Coking Works)

Card 1/1

L 9609-66 EWT(d) IJP(c)

ACC NRI: AP6000547

SOURCE CODE: UR/0040/65/029/006/1092/1097

AUTHORS: ^{44, 55} Pilyutik, A. G. (Moscow); ^{44, 55} Talalayev, P. A. (Moscow)

29
B

ORG: none

TITLE: Improving estimates of solutions of systems of linear defferential equations with variable coefficients

SOURCE: Prikladnaya matematika i mekhanika, v. 29, no. 6, 1965, 1092-1097

TOPIC TAGS: differential equation, linear differential equation

ABSTRACT: The authors consider the system

$$\frac{dx_c}{dt} = \sum_{m=1}^n a_{cm}(t) x_m \quad (c = 1, \dots, n) \quad (1)$$

of homogeneous differential equations, where $a_{cm}(t)$ are continuous differentiable functions on a given finite time interval $[t_0, T]$. A comparative analysis is made of various estimates for solutions describing perturbed motion based on sufficient criteria for stability. Certain ways are proposed to improve the auxiliary functions involved, which allow the obtaining of rather flexible and precise estimates for variable coefficient linear differential equations. Orig. art. has. 2 figures and 43 formulas.

Card 1/1 SUB CODE: ^(ch) 12/ SUBM DATE: 21 May 65/ ORIG REF: 004

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TALALAYEV, S.P.; ALENICHEV, V.P.

Mechanizing the collection, conveying and retreatment of metal-sheet waste. Avt.prom. 28 no.10:42-43 0 '62. (MIRA 15:9)

1. Moskovskiy avtozavod im. Likhacheva.
(Scrap metals)

TALALAYEV, V.D.; GANIN, V.I.

Diathologic and stratigraphic features of fractured Upper Cretaceous rocks in northeastern Kazakhstan. Trudy VNIIGRI no. 208: 40-61 (1964) (MIRA 17:8)

TALALAYEV, V.D.

(Oil prospects of the Upper Cretaceous sediments in the eastern part
of the Terek anticlinorium. Izv. vuz. ucheb. zap.; vol. 1, pt. 2, no.
2:3-5, 1964. (NIA 17:10)

1. Dneprovskiy neftyanoy institut.

TALALAYEV, V.D.

Tectonics of the Upper Cretaceous sediments of the Braguny
and Gudermes uplifts. Neftegaz. geol. i geofiz. no.7:
21-23 '63. (MIRA 17:10)

1. Trest "Groznefterazvedka."

TALALAYEV, V.P., mekhanik

Conductor for welding pipe with a diameter of 720 mm. Suggested
by V.P.Talalaev. Stroi.truboprov. 6 no.11:28 N '61. (MIRA 15:4)

1. Uchastok No.1 stroitel'no-montazhnogo uchastka No.7 tresta
Mosgazprovodstroy, Leningrad.
(Pipe—Welding)

TALALAYEV, Vladimir Timofeyevich, 1886-1947; KRAYEVSKIY, N.A., professor,
redaktor; ABRIKOSOV, A., akademik.

[Selected works] Izbrannye trudy. Pod red. H.A. Kraevskogo. Moskva,
Medgiz, 1953. 207 p. (MLRA 7:5)
(Rheumatic fever)

TALALAYEV, Ye., general-direktor tyagi 3-go ranga.

Costs in transportation enterprises. Zhel. dor. transp. no.3:44-48
147. (MIRA 13:2)

(Railroads--Cost of operation)

TALALAYEV, Ye.D.; DIDIKOV, K.D.

Some problems of specialization and cooperation in transport enterprises. Zhel.dor.transp. 37 no.1:19-24 Ja '56. (MLRA 9:3)

1. Zamestitel' nachal'nika planovo-ekonomicheskogo upravleniya ministerstva putey soobshcheniya (for Talalayev) 2. Nachal'nik proizvodstvennogo otdela Glavnogo upravleniya lokomotivremotnymi zavodami (g.Didikov)

TALALAYEV, Ye.V. (Irkutsk)

Toxic effect of potassium nitrite on molds. Trudy Inst.fiziol.rast.
6 no.1:237-244 '48. (MLRA 9:9)

1.Universitet imeni A.A.Zhdanova, Laboratoriya fiziologii rasteniy
i mikrobiologii.
(Molds (Botany)) (Potassium nitrite)

TALALAYEV, Ye.V.

Septicemia of larch spinner larvae. Mikrobiologiya 25 no.1:99-102
Ja-F '56 (MLRA 9:5)

1. Gosudarstvenny universitet imeni A.A. Zhdanova, Irkutsk.
(MOTHS,
Dendrolimus sibiricus, septicemia of larvae(Rus))